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**“जानने का अधिकार, जीने का अधिकार”**

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

**“पुराने को छोड़ नये के तरफ”**

Jawaharlal Nehru

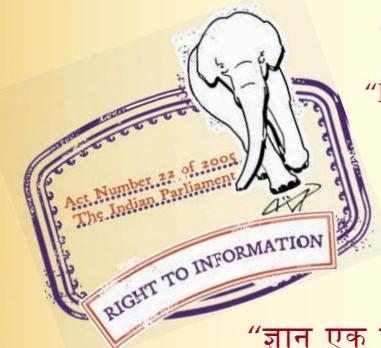
“Step Out From the Old to the New”

IS 10156 (1982): Cannula, Intra-uterine,  
Hysterosalpingography [MHD 3: Obstetric and Gynaecological  
Instruments and Appliances]

**“ज्ञान से एक नये भारत का निर्माण”**

Satyanareshwar Gangaram Pitroda

“Invent a New India Using Knowledge”



**“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”**

Bhartṛhari—Nītiśākām

“Knowledge is such a treasure which cannot be stolen”





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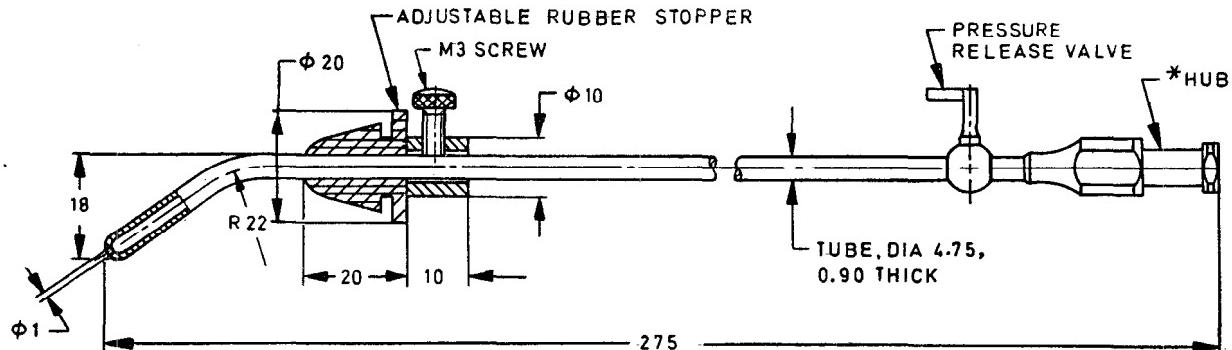


Indian Standard

## SPECIFICATION FOR CANNULA, INTRA-UTERINE, HYSTEROSALPINGOGRAPHY

**1. Scope**—Covers dimensional and other requirements for intra-uterine cannula used for hysterosalpingography.

**2. Shape and Dimensions**—As shown in Fig. 1.



\*See IS : 3234 - 1979 Specification for conical fitting for hypodermic syringes, needles, and other medical equipment, Luer type.

All dimensions in millimetres.

FIG. 1 CANNULA, INTRA - UTERINE, HYSTEROSALPINGOGRAPHY

**2.1** A deviation of  $\pm 2.5$  percent shall be allowed on all dimensions.

### 3. Material

**3.1 Cannula**—Seamless drawn tube of stainless steel conforming to designation 04 Cr 18 Ni 10 or 07 Cr 18 Ni 9 of IS : 6911-1972 'Stainless steel plate sheet and strip'.

**3.2 Hub**—Stainless steel conforming to designation 04 Cr 18 Ni 10 or 07 Cr 19 Ni 9 of IS : 6603-1972 'Stainless steel bars and flats'.

**3.3 Stiletto**—Hard-drawn brass wire or stainless steel wire.

### 4. Workmanship and Finish

**4.1** The surface of the cannula shall be free from dents, burrs, scales and other defects.

**4.2** Stiletto, supplied one for each cannula, shall be smooth, bright and free from kinks and shall slide smoothly into the cannula.

**4.3** The fixing of the cannula with the hub shall be leak-proof.

**4.4** Attachment for fixing vulsellum forceps may be provided on the cannula, if desired by the purchaser.

**4.5** The instrument shall be treated by a suitable passivation process, in 10 percent (v/v) nitric acid solution for not less than 30 minutes at a temperature of not less than 10°C and not exceeding 60°C. The instrument shall then be rinsed in water and dried in hot air.

### 5. Tests

**5.1 Corrosion Resistance Test**—Test the cannula in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'. The cannula shall show no sign of corrosion after the test.

**6. Marking**—The cannula shall be marked with the manufacturer's name, initials or recognized trade-mark.

**6.1 ISI Certification Marking**—Details available with the Indian Standards Institution.

**7. Packing**—The cannula shall be wrapped in moisture-proof paper or packed in polyethylene bags. The cannulae shall then be individually packed in cartons.